

## INTERNATIONAL SEARCH REPORT

IB2004/002547

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L2/10 B01D1/10 B01D1/12 B01D1/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 686 375 A (MOJONNIER BROS CO) 21 January 1953 (1953-01-21)	1, 4
Y	the whole document	2, 3
X	WO 91/01654 A (ROSSI & CATELLI SPA) 21 February 1991 (1991-02-21)	1, 4
Y	claims 1-4,8; figure 1 page 1, paragraph 1 page 3, paragraph 3 - page 5, paragraph 3 page 6, line 5 - page 7, line 6	2, 3
X	GB N17145A (CHAPMAN ALFRED) 27 July 1914 (1914-07-27)	1
Y	page 1, paragraph 2 - page 2, paragraph 2; figure 1	2, 3
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

3 November 2004

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18/11/2004

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IB2004/002547

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 197846 Derwent Publications Ltd., London, GB; Class D15, AN 1978-82952A XP002303847 & JP 53 116272 A (HITACHI SHIP & ENG CO LTD) 11 October 1978 (1978-10-11)	1
Y	abstract	2,3
Y	----- GB 937 623 A (BADGER CO) 25 September 1963 (1963-09-25) page 1, line 24 - page 2, line 105; figure 1	2,3
Y	----- GB 669 928 A (ENGLISH ELECTRIC CO LTD) 9 April 1952 (1952-04-09) page 1, lines 9-16,58 - page 2, line 60; claims 1-8; figure 1 -----	2,3

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